
Preparing for delivery and installation

To prepare for the delivery and installation of Meridian 1 equipment, you should perform preinstallation inspections, examine the delivery route, review equipment handling precautions, and gather all delivery items.

Preparing for delivery

Consider the following questions when you plan for delivery:

- Has a request been made for equipment delivery?
- Are transportation arrangements to the premises completed?
- Is a list of all ordered equipment available on site?
- Is help needed and available for preparing the equipment room?
- Are unloading and unpacking facilities and tools available?
- Is help needed and available for delivery?

Note: Plan to unload equipment as close to the final installation area as possible for an easier, and perhaps safer, installation.

Preinstallation inspections

Obtain any appropriate sign-offs before the site is ready for equipment delivery and installation. Sign-offs can include regulatory items such as electrical inspections, air conditioning inspections, and cable plan approval. In addition, an overall equipment room inspection and a building cable inspection should be performed before installation.

Inspect the equipment room to verify that all physical and environmental requirements are met, system grounding and power equipment is installed and tested, and the equipment layout is marked on the floor.

Inspect the building cable to verify that sufficient distribution frames are provided, conduits or floor ducts to terminal locations are installed, terminal jacks are installed, and sufficient wiring is on hand.

The delivery route

Before the Meridian 1 is delivered, examine and measure the route from the receiving area to the installation area. (See [Table 14](#) for dimensions.) The following factors must be considered:

- size and security of unloading and storage areas
- availability and capacity of elevators
- number and size of aisles and doors on the route
- restrictions, such as bends or obstructions, in halls or at doors
- floor loading capacity of unloading, storage, and equipment room areas
- number of steps and stairways

Note: A four-module column is shipped in two segments. One shipping pallet carries the pedestal and three modules. Another shipping pallet carries the fourth module and top cap.

Preparing for installation

The installation plan, work orders, and appropriate documentation should be on hand at the time of installation.

The installation plan

The installation plan can consist of the equipment room floor plan, the building cable plan, and an installation and test sequence chart.

The equipment room floor plan should show the following items:

- the system columns and modules, including planned expansion areas
- the main distribution frame
- the service panel
- system terminal, printer, or other terminal devices
- external power equipment (such as rectifiers)
- any cable racks
- PFTUs and auxiliary power supplies (if either are equipped)
- additional equipment, such as reserve power equipment or auxiliary processors

The building cable plan should show the following information:

- cable routing and designation information
- the location of each terminal device
- the type of cable or wiring required for each terminal device
- the location of all distribution frames and system and terminal cross-connect assignments
- the location of conduits and floor ducts, including access points
- the location of power outlets for terminal devices

An installation and test sequence (ITS) chart shows typical installation tasks, the sequence of the tasks, and task start and duration information.

Work orders

The work order can include the following information:

- a detailed listing of the equipment ordered
- Terminal Number (TN) assignments
- Directory Number (DN) assignments for each terminal device
- Office Data Administration System (ODAS) designators for each terminal device (if the software package is equipped)
- features available to each telephone and data set
- administration database entries for telephone and data set features

Documentation

Instructions for unloading and unpacking Meridian 1 equipment and a full set of standard Northern Telecom Publications (NTPs) are delivered with each system. See [“References” on page 1](#) for more document information.